

Message

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**From:** Cirian, Mike [/O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=98D0FD2CBB3F4F25B819C6929E18D08D-CIRIAN, MIKE]  
**Sent:** 8/23/2016 7:29:59 PM  
**To:** Michael Ritorto [mritorto@rouxinc.com]  
**CC:** Hoogerheide, Roger [Hoogerheide.Roger@epa.gov]; John.Stroiazso@glencore-ca.com; Steve Wright - CFAC [swright@cfaluminum.com]; Andrew Baris [abaris@rouxinc.com]  
**Subject:** RE: CFAC - Field Modification #5

Hello Michael,

I have no further comments on this modification. The EPA reserves the right to request additional information or actions if conditions should change or additional information should become available.

Mike

Mike Cirian, PE  
Libby On-site Project Manager  
US EPA  
108 East 9th Street  
Libby, MT 59923  
(406) 293-6194 Office

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**From:** Michael Ritorto [mailto:mritorto@rouxinc.com]  
**Sent:** Friday, August 12, 2016 12:01 PM  
**To:** Cirian, Mike <Cirian.Mike@epa.gov>  
**Cc:** Hoogerheide, Roger <Hoogerheide.Roger@epa.gov>; John.Stroiazso@glencore-ca.com; Steve Wright - CFAC <swright@cfaluminum.com>; Andrew Baris <abaris@rouxinc.com>  
**Subject:** RE: CFAC - Field Modification #5

Hi Mike,

Please see the revised modification #5 and associated attachments as requested.

In regards to the field modification forms, can you please return signed copies of the mods that have been approved so that we can retain copies in the project records?

**Michael Ritorto**  
**Senior Hydrogeologist | ROUX ASSOCIATES, INC.**  
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**From:** Cirian, Mike [mailto:Cirian.Mike@epa.gov]  
**Sent:** Friday, August 12, 2016 11:18 AM

**To:** Michael Ritorto <[mrirtorto@rouxinc.com](mailto:mrirtorto@rouxinc.com)>

**Cc:** Hoogerheide, Roger <[Hoogerheide.Roger@epa.gov](mailto:Hoogerheide.Roger@epa.gov)>; [John.Stroiazso@glencore-ca.com](mailto:John.Stroiazso@glencore-ca.com); Steve Wright - CFAC <[swright@cfaluminum.com](mailto:swright@cfaluminum.com)>

**Subject:** CFAC - Field Modification #5

Mike,

Here are our only comments on the MOD #5 Record of Modification from Roux and have the following comments:

Description of Modification

- Please verify that well CFMW-056 is the new identifier for well TW-11.
- Please include a figure showing the locations of wells CFMW-056, CFMW-056a, and CFMW-056b relative to relevant site features.

Rationale for Modifications / Potential Implications of Modifications

- Please change the word 'Rational' to 'Rationale' in the heading for the *Rationale for Modifications/Potential Implications of Modifications* section.
- Please add a description of the formation material from the 'low permeability conditions' encountered between 107 to 121 feet below ground surface.
- Please include the borehole log for existing well CFMW-056, as well as the field log for well CFMW-056a.

Feel free to contact me directly if you have any questions or would like to discuss.

Mike

Mike Cirian, PE  
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